

Business Case: Capital Asset Summary

Part I: Summary Information and Justification (All Capital Assets)

Section A: Overview & General Information

Date Investment First Submitted: 2019-09-16
Date of Last Change to Activities: 2021-04-28
Investment Auto Submission Date:
Date of Last Investment Detail Update: 2021-04-28
Date of Last Business Case Update: 2021-04-28
Date of Last Revision: 2021-08-26

Agency: 005 - Department of Agriculture **Bureau:** 84 - Food and Nutrition Service

- 1. Name of this Investment:** FNCS-FNS-Anti-Fraud Locator Using EBT Retailer Transactions (ALERT)
- 2. Unique Investment Identifier (UII):** 005-000000042

Section B: Investment Detail

- 1. Provide at least one Agency Strategic objective code ([A-11 Section 230](#)) and/or Agency Priority Goal code ([A-11 Section 250](#)) that this investment aligns to on performance.gov. If this investment aligns to more than one Agency strategic objective code and/or Agency Priority goal code list all that apply. If your agency does not report to performance.gov please use "0". This is required for Agency IT Portfolio Summary Part 1 and Part 2 Investments, not for Part 3 Investments.**

Agency Strategic Objective(s):

005SO18002: Maintain a high performing workforce through employee engagement and empowerment.

005SO18004: Improve stewardship of resources and utilize data-driven analyses to maximize the return on investment.

005SO18019: Provide access to safe and nutritious food for low-income people while supporting a pathway to self-sufficiency.

005SO18264: Support and encourage healthy dietary choices through data-driven, flexible, customer-focused approaches.

Agency Priority Goal(s):

- 2. Briefly describe the investment's return on investment, including benefits internal and external to the government and outcomes achieved or planned.**

ALERT provides critical support to program management and investigators in identifying potentially fraudulent usage patterns in SNAP. By doing so, the system allows investigators to focus their efforts more efficiently, and provides them with the necessary audit trail documentation to support legal action in those cases where fraudulent or unauthorized activity is confirmed. The benefits to the Government are: a) ALERT increases the Supplemental Nutrition Assistance Program (SNAP) fraud detection. b)

ALERT reduces the SNAP program costs by helping to discover and eliminate Illegal SNAP activities.

3. If this investment will result in the elimination or the reduction of another major or non-major investment(s), please complete the following:

Table I.B.1 Affected Investment Information	
Investment UII	To Be Status
NONE	

4. Does the Investment currently include an intra- or inter-Agency shared service (common, shared, or centralized solution)?:

YES

5. Does the Investment plan to include an Intra- or Inter-Agency shared service that it does not currently include (common, shared, or centralized solution)?:

NO

6. If systems contained in this Investment collect data from the public, please identify the OMB Control Numbers which authorize that data collection as per the Paperwork Reduction Act. Use [Reginfo](#) at the following link to identify information collection requests and OMB control numbers. Agencies can work with their Records Officers to determine the applicability.

7. Provide the name of the Investment-level project manager:

Ambur Daley

8. Select the qualification/experience level of the Investment-level project manager (select one):

1 - FAC-P/PM(DAWIA-3)- Senior

Section C: Life Cycle Costs

1. Provide the total estimated life cycle costs for the investment in millions. Note: Do not enter information in the grey cells as these will be calculated.

Table I.C.1 Life Cycle Costs				
	PY-1 & Prior	PY 2021	CY 2022	BY 2023
Planning Costs:	0	0	0	0
DME (Excluding Planning) Costs:	\$17.742000	\$3.246000	\$3.294000	\$3.343000
DME (Including Planning) Govt. FTEs:	\$0.172000	\$0.033000	\$0.034000	\$0.035000
Sub-Total DME (including Internal Labor (Govt. FTE)):	\$17.914000	\$3.279000	\$3.328000	\$3.378000
O & M Costs:	\$19.461000	\$2.464000	\$2.502000	\$2.539000
O & M Internal Labor (Govt. FTE):	\$0.928000	\$0.118000	\$0.119000	\$0.121000
Sub-Total O & M Costs (Including Internal Labor (Govt. FTE)):	\$20.389000	\$2.582000	\$2.621000	\$2.660000
Total Cost (Including Internal Labor (Govt. FTE)):	\$38.303000	\$5.861000	\$5.949000	\$6.038000
Total Cost Internal Labor (Govt. FTE) costs:	\$1.100000	\$0.151000	\$0.153000	\$0.156000
# of FTE rep by costs:	8	1	1	1
Total change from prior year final President's Budget (\$)		\$-5.861000	\$-5.949000	
Total change from prior year final President's Budget		-100.00%	-100.00%	

Table I.C.1 Life Cycle Costs

	PY-1 & Prior	PY 2021	CY 2022	BY 2023
(%)				

2.
 - a. In which year did or will this investment begin? (specify year - e.g., PY-1= 2019)
2000
 - b. In which year will this investment reach the end of its estimated useful life? (specify year - e.g., FY+5 = 2027)
2024
3. Compare the funding levels for PY and CY to the final FY 2022 President's Budget for those same years. Briefly explain any significant changes. When making comparisons, ensure that you compare same-year-to-same-year (e.g., the FY20 level for 2020 versus the FY21 level for 2020):
No changes are anticipated.

Business Case Detail: Performance Measurement Report

Section A1: General Information

1. **Name of this Investment:** FNCS-FNS-ANTI-FRAUD LOCATOR USING EBT RETAILER TRANSACTIONS (ALERT)
2. **Unique Investment Identifier (UII):** 005-000000042

Section C1: Projects Table

Projects Table C.1

Unique Project ID	Project Name	Project Goal	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)	Software Project?
177173	ALERT FY2019 releases	This project deals with the releases for the ALERT application for FY2019.	10/01/2018	09/30/2019	\$5.6	Yes
177230	ALERT FY2020 releases	This project deals with the releases for the ALERT application for FY2020.	10/01/2019	09/30/2020	\$7.1	Yes
220529	ALERT FY2021 releases	This project deals with the releases for the ALERT application fr FY2021	10/01/2020	09/30/2021	\$5.0	Yes

Section C2: Project Activities

1. Provide all non-agile project activities for projects in Table C.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY.

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
177173	ALERT Release 6.1	Release to correct several ALERT issues and implement Change Enhancement Requests.	177173.1	2018-12-05	2018-12-05	2018-12-05	2019-04-11	2019-04-11	2019-04-11	0.927000	0.927000	0.927000
177173	ALERT Release 6.2	Release to correct several ALERT issues and implement Change Enhancement Requests.	177173.2	2019-03-04	2019-03-04	2019-03-04	2019-06-27	2019-06-27	2019-06-27	0.927000	0.927000	0.927000
177230	ALERT Release 6.5	Release to correct several	177230.1	2019-10-01	2019-10-01	2019-10-01	2019-12-20	2019-12-20	2019-12-20	1.391000	1.391000	1.391000

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
		ALERT issues and implement Change Enhancement Requests.										
177230	ALERT Release 6.6	Release to correct several ALERT issues and implement Change Enhancement Requests.	177230.2	2019-12-02	2019-12-02	2019-12-02	2020-03-13	2020-03-13	2020-03-13	1.391000	1.391000	1.391000
177230	ALERT Release 6.7	Release to correct several ALERT issues and implement Change Enhancement Requests.	177230.3	2020-02-24	2020-02-24	2020-02-24	2020-06-05	2020-06-05	2020-06-05	1.391000	1.391000	1.391000
177230	ALERT Release 6.8	Release to correct several ALERT issues and implement Change Enhancement Requests.	177230.4	2020-05-25	2020-05-25	2020-05-25	2020-09-30	2020-09-30	2020-09-30	2.886000	2.886000	2.886000
220529	ALERT Release 7.08	Release to correct several ALERT issues and implement Change Enhancement Requests.	220529.1	2020-10-01	2020-10-01	2020-10-01	2020-12-31	2020-12-31	2020-12-31	1.250000	1.250000	1.250000
220529	ALERT Release 7.11	Release to correct several ALERT issues and implement Change Enhancement Requests.	220529.2	2021-01-01	2021-01-01	2021-01-01	2021-03-31	2021-03-31	2021-03-31	1.250000	1.250000	1.250000

Section D: Operational Data

1. Provide the date and results of the last Operational Analysis (for operational and mixed life cycle systems/Investments):

1. Date of Analysis:

2. Analysis Results:

3. Analysis Conclusion: continue as is

2. Report a minimum of 5 metrics using the following table to provide metrics and actual results for each individual metric:

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
28739	This metric tracks the percentage of update and enhancement milestones being delivered as part of the contract delivery schedule.	Percentage of update and enhancement milestones	1 - Customer Satisfaction (Process Results)	99.000000	99.000000	99.000000	Over target	Annual	005SO18019 : Provide access to safe and nutritious food for low-income people while supporting a pathway to self-sufficiency.	No
Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment						
28739	278613	99.900000	10/01/2020	Metric value maintained within range.						
28739	254690	99.100000	09/04/2019	Metric value maintained within range.						
28738	This metric tracks the percentage of On-Time Delivery of the	Percentage of On-Time Delivery	2 - Strategic and Business Results	99.000000	99.000000	99.000000	Over target	Annual	005SO18019 : Provide access to safe and nutritious food for	No

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Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
28735	This metric tracks the percentage of Calls Closed by Close of Business.	Percentage of Calls Closed by Close of Business	2 - Strategic and Business Results	80.000000	28736	278610	99.200000	10/01/2020	Metric value maintained within range.	
					28736	254687	99.000000	09/04/2019	Metric value maintained within range.	
					86.000000	88.000000	Over target	Annual	005SO18019 : Provide access to safe and nutritious food for low-income people while supporting a pathway to self-sufficiency.	No
28734	This metric tracks the percentage of variance between the planned and actual operations and maintenance costs for the ALERT investment.	Percentage of variance	3 - Financial Performance	10.000000	Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
					28735	278609	90.000000	10/01/2020	Metric value maintained within range.	
					28735	254686	87.000000	09/04/2019	Metric value maintained within range.	
					10.000000	10.000000	Under target	Annual	005SO18019 : Provide access to safe and nutritious food for low-income people while supporting a pathway to self-sufficiency.	No
28733	100% of high or	Security	2 - Strategic and	99.000000	Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
					28734	278608	5.000000	10/01/2020	Metric value maintained within range.	
					28734	254685	10.000000	09/04/2019	Metric value maintained within range.	
					99.000000	99.000000	Over target	Annual	005SO18019 :	No

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
	medium vulnerabilities found in production releases are corrected/closed if not considered false positives.	Compliance	Business Results						Provide access to safe and nutritious food for low-income people while supporting a pathway to self-sufficiency.	
Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment						
28733	278607	99.900000	10/01/2020	Metric value maintained within range.						
28733	254684	99.000000	09/04/2019	Metric value maintained within range.						
28732	100% of Monthly EVMS reports submitted.	Earned Value Management (EVM)	2 - Strategic and Business Results	99.000000	99.000000	99.000000	Over target	Monthly	005SO18019 : Provide access to safe and nutritious food for low-income people while supporting a pathway to self-sufficiency.	No
Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment						
28732	281826	99.950000	03/02/2021	Metric value maintained within range.						
28732	278606	99.930000	02/02/2021	Metric value maintained within range.						
28732	278605	99.920000	01/03/2021	Metric value maintained within range.						
28732	278604	99.910000	12/02/2020	Metric value maintained within range.						
28732	278603	99.900000	10/01/2020	Metric value maintained within range.						
28732	278602	99.600000	11/02/2020	Metric value maintained within						

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
28732									range.	
					28732	278601	99.500000	10/02/2020	Metric value maintained within range.	
					28732	269493	99.600000	09/03/2020	Metric value maintained within range.	
					28732	269492	99.500000	08/04/2020	Metric value maintained within range.	
					28732	269491	99.500000	07/02/2020	Metric value maintained within range.	
					28732	269490	99.500000	06/03/2020	Metric value maintained within range.	
					28732	269489	99.500000	05/01/2020	Metric value maintained within range.	
					28732	269488	99.400000	04/02/2020	Metric value maintained within range.	
					28732	258196	99.300000	03/04/2020	Metric value maintained within range.	
					28732	258195	99.200000	02/03/2020	Metric value maintained within range.	
					28732	254683	99.100000	01/02/2020	Metric value maintained within range.	
					28732	254682	99.200000	12/01/2019	Metric value maintained within range.	
					28732	254681	99.100000	11/01/2019	Metric value maintained within range.	
					28732	254680	100.000000	08/04/2017	Metric value maintained within range.	
					28732	254679	100.000000	09/06/2017	Metric value maintained within range.	
					28732	254678	100.000000	01/05/2018	Metric value maintained within range.	
					28732	254677	100.000000	12/05/2017	Metric value maintained within range.	

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
28732					28732	254676	100.000000	11/03/2017	Metric value maintained within range.	
					28732	254675	100.000000	10/06/2017	Metric value maintained within range.	
					28732	254674	100.000000	03/01/2018	Metric value maintained within range.	
					28732	254673	100.000000	02/01/2018	Metric value maintained within range.	
					28732	254672	100.000000	05/01/2018	Metric value maintained within range.	
					28732	254671	100.000000	04/02/2018	Metric value maintained within range.	
					28732	254670	100.000000	07/05/2018	Metric value maintained within range.	
					28732	254669	100.000000	06/04/2018	Metric value maintained within range.	
28731	All CM deliverables are appropriately named and maintained; CM procedures are followed accordingly.	Configuration Management	2 - Strategic and Business Results	99.000000	99.000000	99.000000	Over target	Annual	005SO18019 : Provide access to safe and nutritious food for low-income people while supporting a pathway to self-sufficiency.	No
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
					28731	278600	99.900000	10/01/2020	Metric value maintained within range.	
					28731	254668	99.000000	09/04/2019	Metric value maintained within range.	
28730	100% of changes are coordinated with FNS or approved by	System Changes	2 - Strategic and Business Results	99.000000	99.000000	99.000000	Over target	Annual	005SO18019 : Provide access to safe and nutritious food for	No

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
	COR through CCB.								low-income people while supporting a pathway to self-sufficiency.	
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
					28730	278599	99.900000	10/01/2020	Metric value maintained within range.	
					28730	247828	99.000000	09/04/2019	Metric value maintained within range.	